

Title (en)
CHAINS

Title (de)
KETTEN

Title (fr)
CHAINES

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Application
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Abstract (en)
[origin: US2004093848A1] A chain comprises links formed from bar stock having a specific cross-section. In a preferred embodiment, which is a chain of 16 mm size, the cross-section comprises four convex arcuate sides (10a), (10b), (10c) and (10d), each of which has a radius of curvature at least 10% greater than the chain size (i.e. at least 10% greater than 8 mm) and preferably at least 15% greater than the chain size. In this way, a chain is produced which has the profile which is similar to the profile attained by the chain after a significant period of wear, involving a significant increase in the surface-to-surface contact between adjacent links, reducing the effective wear rate, and reducing the rate of effective lengthening of the chain due to wear.

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